

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 11901  
Application ID: 09682073  
Title of Invention: Method of Device-to-Device Communications in Hybrid Distributed Device Control Networks  
First Named Inventor: Antonio Mugica  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-07-17  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 38146  
Digital Certificate Holder: cn=Jeffrey Monroe Furr, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: cyLThLAVsV4poy9MT6Zv9Q==  
Total Fees Authorized: \$355.0  
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# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number:

38146

## Method of Device-to-Device Communications in Hybrid Distributed Device Control Networks

First Named Inventor: Mr. Antonio Mugica

### SUBMITTED BY

Name:

Mr. Jeffrey Furr Esq.

Registration Number:

38146

Electronic Signature Mark: Jeffrey  
Furr

Date Signed: 20010717

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### Attached Files:

declaration	Dis1.tif
declaration	Dis2.tif
declaration	Dis3.tif
fee-transmittal	D2DHybridfee.xml
bibd-transmittal	D2DHybridapds.xml

specification

D2Dspec.xml

**Attached Image File(s):**

Dis1.tif

Dis2.tif

Dis3.tif



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PTO/SB/01 (10)

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing **OR** ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

First Named Inventor

ANTONIO MUGICA

**COMPLETE IF KNOWN**

Application Number

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF DEVICE-TO-DEVICE COMMUNICATIONS IN HYBRID DISTRIBUTED  
CONTROL NETWORKS**

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

(if applicable)

Application Number

and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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09602073 1071701

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U.S. Patent and Trademark Office, U.S. Patent of 2006

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## DECLARATION — Utility or Design Patent Application

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NAME OF SOLE OR FIRST INVENTOR		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))	ANTONIO	Family Name or Surname	MUGICA
Inventor's Signature			Date 7/11/2007
Residence City	Boca Raton	State FL	Country U.S.A. Citizenship Venezuela
Mailing Address	19591 Dinner Key Drive		
Mailing Address			
City	Boca Raton	State FL	ZIP 33498 Country U.S.A.
NAME OF SECOND INVENTOR		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))	PAUL	Family Name or Surname	HABIC
Inventor's Signature			Date 7/11/2007
Residence City	Caracas	State	Country Venezuela Citizenship Venezuela
Mailing Address	Ave Rosario, Transversal 16		
Mailing Address	A la Ana Michel, Los Chavos		



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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor.

Given Name (first and middle if any):

Family Name or Surname

LINO

IGLESIAS

Inventor's  
Signature

*Lino Iglesias*

Date 7/11/20

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Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor.

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Inventor's  
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Name of Additional Joint Inventor, if any:

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Given Name (first and middle if any):

Family Name or Surname

Inventor's  
Signature

Date

Residence: City

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# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Small Entity

Small Business Concern

**TOTAL FEES AUTHORIZED: \$ 355**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 9699  
Expiration Date: 20020911  
Authorized Name: Antonio Mugica  
Billing Address: 33487

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	201	\$ 355

Subtotal For Basic Filing Fee: \$ 355

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 7	203	\$ 9	0	\$ 0
Independent Claims: 1	202	\$ 40	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0